Assessing Data Quality (Line Listing – Duplicate Procedures)

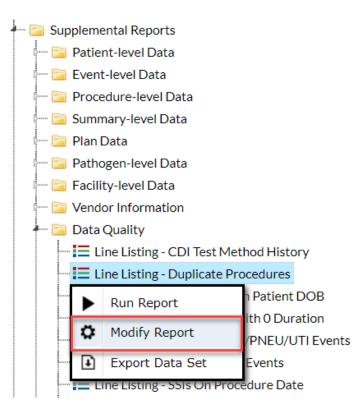
Updated October 2024

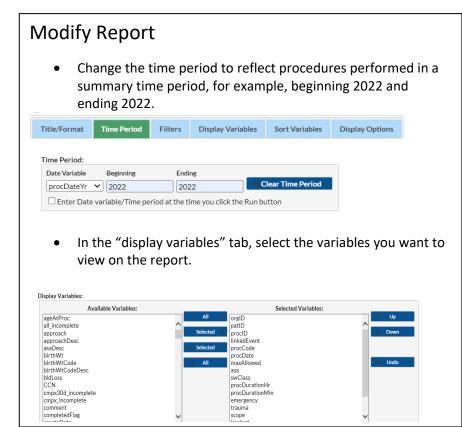
Description

Duplicate procedures have an impact on the SSI SIRs, therefore, it's important to remove any extraneous procedures. Facilities should carefully review the line list and utilize the application to remove the duplicate procedure(s).

Instructions

The duplicate procedures line list can be found in the Supplemental Reports folder of the Analysis reports, as shown in the screenshot to the left of the page. Use the Modify Report page, shown in the screenshot to the right of the page, to make modifications to the report to restrict the amount of data included on your report output. These modifications are optional.





Report Output

National Healthcare Safety Network

Line Listing for Procedures Exceeding the Max Allowed

As of January 30, 2022 at 9:33 AM

Date Range: DUPROCEDURES

Carefully review this list, which includes those patients with more procedures of the same type than the maximum allowed for a single day. Please delete the extraneous

procedure(s) from NHSN.

| patID | procID | linked | procCode | procDate | max | asa | swClass | procDuration | procDuration | outpatient | emergency | trauma | endoscope | anesthesia | ssiPlan |
|-------|--------|--------|----------|-----------|---------|-----|---------|--------------|--------------|------------|-----------|--------|-----------|------------|---------|
| | | Event | | | Allowed | | | Hr | Min | | | | | | |
| 11NN | 08112 | Y | HYST | 2/02/2022 | 1 | 1 | С | 5 | 0 | N | N | N | Ν | Y | N |
| 11NN | 08113 | Ν | HYST | 2/02/2022 | 1 | 1 | С | 5 | 0 | Ν | Ν | Ν | Ν | Y | N |
| BT102 | 20995 | Ν | APPY | 3/27/2022 | 1 | 1 | С | 5 | 0 | Ν | γ | N | Ν | Y | Y |
| BT102 | 20999 | Ν | APPY | 3/28/2022 | 1 | 1 | С | 5 | 0 | N | Y | N | Ν | Y | Y |
| BT103 | 20996 | Ν | AVSD | 3/29/2022 | 1 | 2 | С | 5 | 0 | Y | N | N | Ν | Y | N |
| BT103 | 21000 | Ν | AVSD | 3/30/2022 | 1 | 2 | С | 5 | 0 | γ | N | N | Ν | Y | N |

Sorted by patID procCode procDate

Interpretation

Looking at the table above, we can see that patient 11NN has two HYST procedures recorded for the same procedure date, and only one HYST is allowed. Additionally, one of the procedures (ID 08112) is linked to an event. In reviewing the two HYST records for this patient, we can see that there are no differences between the two and can delete the second HYST procedure (ID 08113) for this patient.

Additional Resources

SIR Guide: https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/nhsn-sir-guide.pdf

NHSN Analysis Page: https://www.cdc.gov/nhsn/ps-analysis-resources/index.html

NHSN Quick Reference Guides: <u>https://www.cdc.gov/nhsn/ps-analysis-resources/reference-guides.html</u>

Keys to Success with NHSN Data: https://www.cdc.gov/nhsn/ps-analysis-resources/keys-to-success.html



Centers for Disease Control and Prevention National Center for Emerging and Zoonotic Infectious Diseases